

FIG. 1

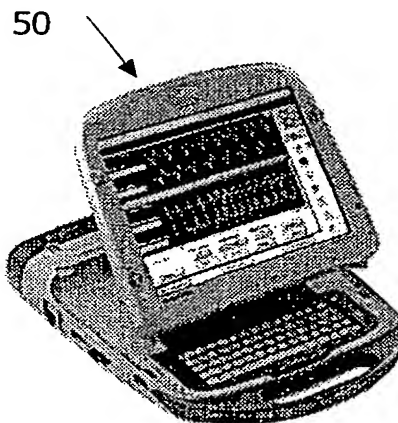
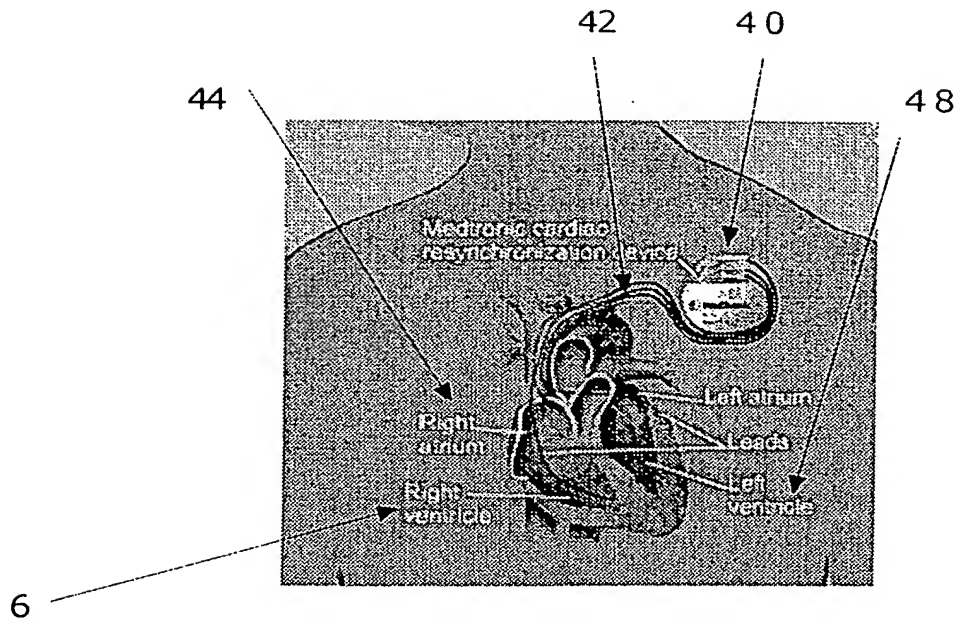


Figure 2

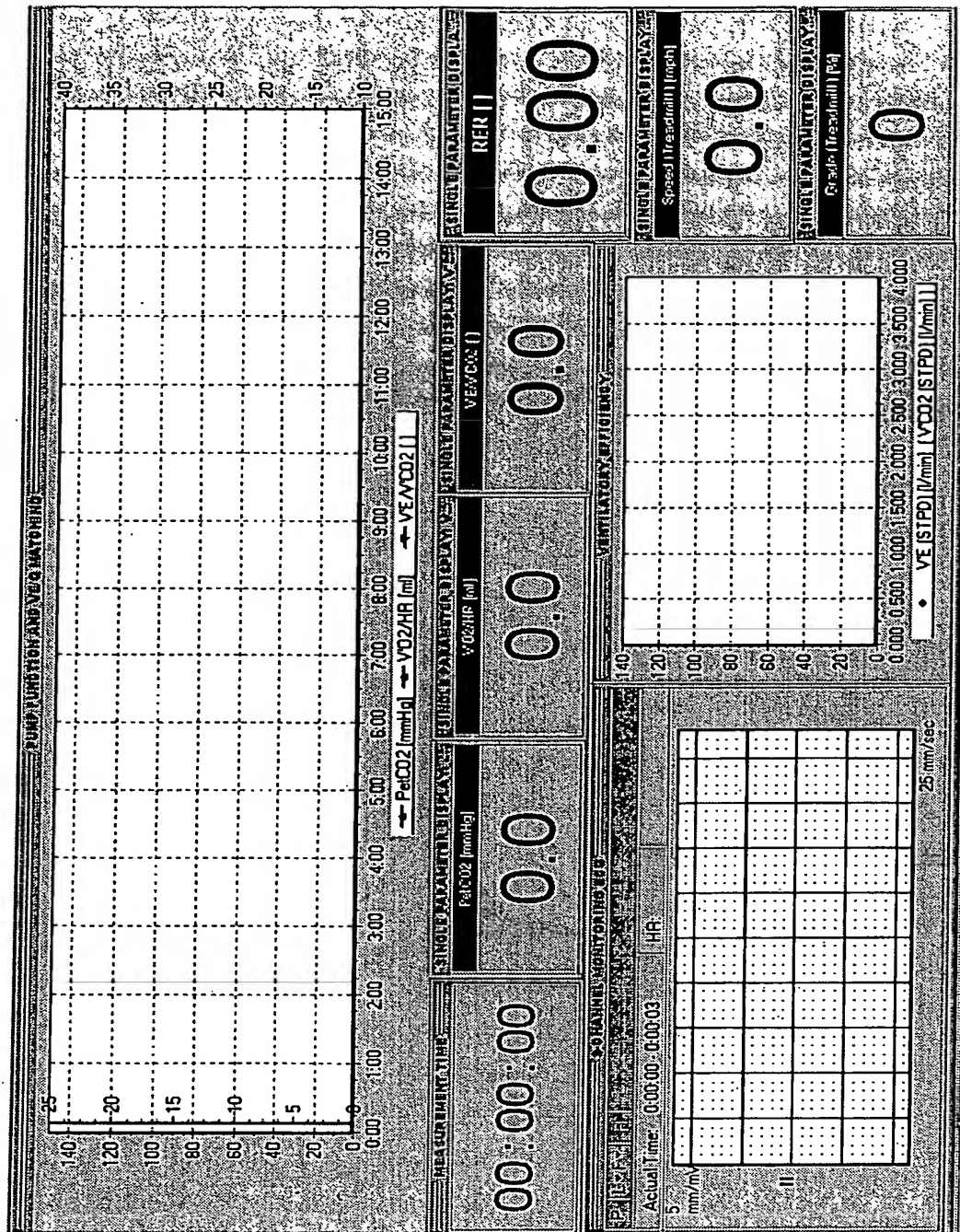


Figure 3

	A V (ms)	V V (ms)
Minimum	(60) 100	(66) 10
Average	(62) 140	(68) 20
Maximum	(64) 180	(70) 30

Figure 4

Elapsed Time	System Operator Tasks	Data Processing Tasks
0	Comed Patient to CPX	
1	Start Treadmill Prestat Measurement Set AV min Stat Measurement	Display Variables
3	Observe Variables Set AV ave	Display Variables Store Variables to AV min
5	Observe Variables Set AV max	Display Variables Store Variables to AV ave
7	Observe Variables	Display Variables Store Variables to AV max
8	Select and Set AV opt Rest Patient (Opt.) Set VV min	Calculate Decision Matrix Print Selection Report
10	Observe Variables Set VV ave	Display Variables Store Variables to VV min
12	Observe Variables Set VV max	Display Variables Store Variables to VV ave
14	Observe Variables	Display Variables Store Variables to VV max
15	Stop Treadmill Stop Measurement Set and Set VV opt	Calculate Decision Matrix Print Selection Report

Figure 5

Elapsed Time			O ₂ Pulse	EQ CO ₂	ET CO ₂	V ent. Ef. Slope
Start						
1 min	B reath 1	AV min	0	0	0	0
	B reath 2		0	0	0	0
			0	0	0	0
	B reath n		0	0	0	0
3 min	B reath 1	AV ave	0	0	0	0
	B reath 2		0	0	0	0
			0	0	0	0
	B reath n		0	0	0	0
5 min	B reath 1	AV max	0	0	0	0
	B reath 2		0	0	0	0
			0	0	0	0
	B reath n		0	0	0	0
7 min						
8 min	B reath 1	VV min	0	0	0	0
	B reath 2		0	0	0	0
			0	0	0	0
	B reath n		0	0	0	0
10 min	B reath 1	VV ave	0	0	0	0
	B reath 2		0	0	0	0
			0	0	0	0
	B reath n		0	0	0	0
12 min	B reath 1	VV max	0	0	0	0
	B reath 2		0	0	0	0
			0	0	0	0
	B reath n		0	0	0	0
15 min						

Figure 6

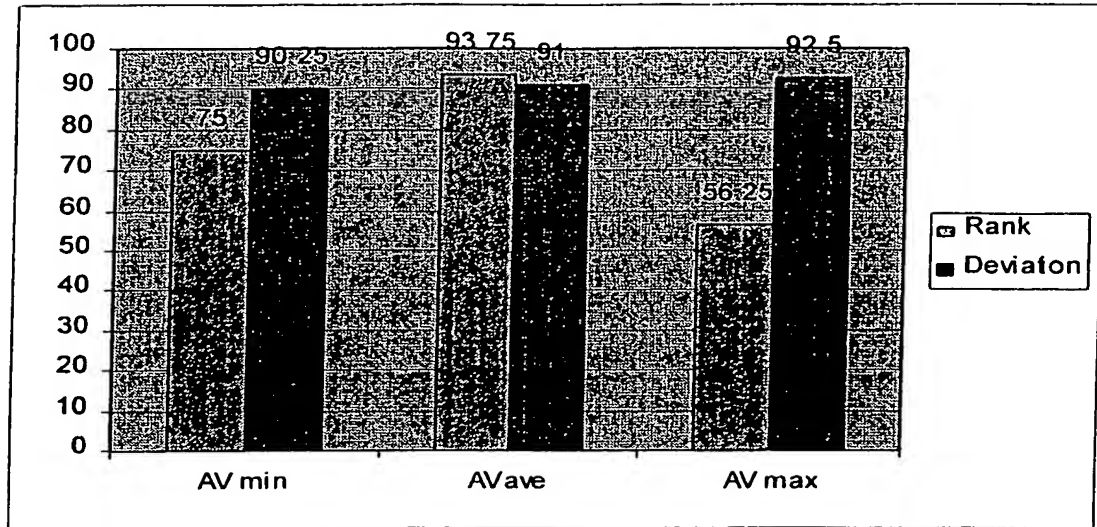
	EQ CO2		ETCO2		O2 Pulse		V.E. slope	
	Average Value	Deviation (%)	Average Value	Deviation (%)	Average Value	Deviation (%)	Average Value	Deviation (%)
AV min	0	0	0	0	0	0	0	0
AV ave	0	0	0	0	0	0	0	0
AV max	0	0	0	0	0	0	0	0
W min	0	0	0	0	0	0	0	0
W ave	0	0	0	0	0	0	0	0
W max	0	0	0	0	0	0	0	0
	100	100	100	100	100	100	100	100

Figure 7

EQCO2			ETCO2			O2P1be			V/E Sφe			Average σTdas		
Rank	D %	S %	Rank	D %	S %	Rank	D %	S %	Rank	D %	S %	Rank	D %	S %
AVmin	75	12	5	75	14	8	100	4	6	50	9	6	75	975
AVave	100	0	0	100	8	0	75	12	0	100	16	0	975	62
AVmax	50	4	10	50	8	16	50	7	4	75	11	2	525	75
Wmin	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wave	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wmax	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Figure 8

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S=6.25%

S=8.0%

Figure 9

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